Notice of Allowability	Application No.	Applicant(s)	80.10
	10/627,580	LEE, JOO-YUL	
	Examiner	Art Unit	
	Jimmy T Vu	2821	
The MAILING DATE of this communication appears on the cover sheet with the correspondence address All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.			
1. This communication is responsive to <u>07/24/2003</u> .			
2. The allowed claim(s) is/are <u>1-21</u> .			
3. The drawings filed on <u>24 July 2003</u> are accepted by the Examiner.			
 4. Acknowledgment is made of a claim for foreign priority until a) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 	been received.		
3. Copies of the certified copies of the priority documents have been received in this national stage application from the			
International Bureau (PCT Rule 17.2(a)).			
* Certified copies not received:			
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application. THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.			
5. A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.			
6. CORRECTED DRAWINGS (as "replacement sheets") must be submitted.			
(a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached			
1) 🔲 hereto or 2) 🔲 to Paper No./Mail Date			
(b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date			
Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).			
7. DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.			
Attachment(s) 1. ☑ Notice of References Cited (PTO-892)	5 🗆 Notice of I	nformal Patent Application (PT0	Դ_152\
2. Notice of Draftperson's Patent Drawing Review (PTO-948)	<u></u>	Summary (PTO-413),	- 10 <i>2</i> j
	Paper No	./Mail Date	
3. Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 7/24/03 & 8/14/04	_	s Amendment/Comment	
4. Examiner's Comment Regarding Requirement for Deposit	_	s Statement of Reasons for Allo	wance
of Biological Material Don Wong Supervisory Parent Examiner	9.		
Technology Center 2800			

Application/Control Number: 10/627,580 Page 2

Art Unit: 2821

DETAILED ACTION

Allowable Subject Matter

1. Claims 1-21 are allowed.

2. The following is an examiner's statement of reasons for allowance:

None of the prior art teaches the apparatus and method for driving the plasma display panel comprising the first capacitor and second capacitor coupled to the first voltage and the second voltage, respectively; the first capacitor and the second capacitor charged to a third voltage and a fourth voltage, respectively; the first rising ramp switch coupled to one terminal of the first capacitor, for applying the voltage of the ramp waveform rising with substantially the first slope to the scan electrode; the second rising ramp switch coupled to one terminal of the second capacitor, for applying the voltage of the ramp waveform rising with substantially the second slope to the scan electrodes; the first falling ramp switch for applying the voltage of the ramp waveform falling with substantially the third slope to the scan electrodes; and the second falling ramp switch coupled between the one terminal of the first falling ramp switch and the fifth voltage, for applying the voltage of the ramp waveform falling with substantially the fourth slope to the scan electrode.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Application/Control Number: 10/627,580

Art Unit: 2821

3. The prior art made of record and relied upon is considered pertinent to applicant's

disclosure. The best consider with this application can be filed in Okada (U.S. Patent number

Page 3

6,476,561 B1), Kigo (U.S. Patent number 6,633,285 B1) and Lim (U.S. Patent Application

Publication number US 2002/0186184 A1).

Priority

4. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers

have been placed of record in the file.

Information Disclosure Statement

5. The references listed on the information disclosure statement submitted on 07/24/2003

and 08/14/2004 have been considered.

Conclusion

6. Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Jimmy T Vu whose telephone number is (571) 272-1832. The

examiner can normally be reached on M - F: 9 - 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Don Wong can be reached on (571) 272-1834. The fax phone numbers for the

organization where this application or proceeding is assigned are (703) 872-9306.

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the receptionist whose telephone number is (571) 272-2800.

Jimmy Vu

September 14, 2004

Don Wong

Technology Center 2800